

**Table C-111. Federal obligations for research and development for selected agencies, by State:
fiscal years 1982-92**

[Dollars in millions]

State	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total	35,361.6	37,627.8	41,148.5	47,214.8	50,310.2	54,067.4	55,471.0	59,485.0	62,105.2	59,865.4	64,089.7
Alabama	561.5	671.7	792.6	896.6	1,188.2	1,346.4	1,363.7	1,646.7	1,805.4	1,863.2	2,151.7
Alaska	40.0	40.4	47.7	51.5	49.4	48.8	50.5	71.3	90.7	102.7	93.0
Arizona	264.5	469.3	383.9	458.2	398.1	414.9	369.4	501.2	591.7	516.8	638.2
Arkansas	43.5	31.4	35.0	39.7	40.5	52.3	56.4	57.0	85.7	85.9	68.8
California	8,888.3	8,194.9	8,995.8	10,771.8	11,512.3	13,672.2	14,895.9	15,919.4	16,249.3	14,488.3	15,999.1
Colorado	556.6	436.2	531.6	629.2	1,636.4	1,516.3	1,408.4	1,618.1	1,888.3	2,694.2	1,479.2
Connecticut	439.6	743.3	675.9	742.8	577.3	672.2	619.5	596.7	509.8	672.7	578.3
Delaware	34.6	20.4	63.7	34.7	30.2	32.3	36.0	31.9	28.3	41.8	43.1
District of Columbia	954.6	1,196.1	1,796.0	2,077.7	2,324.0	2,209.2	2,925.3	1,914.9	1,593.1	1,943.7	2,185.2
Florida	1,776.4	1,276.0	1,138.1	1,205.2	1,448.0	2,297.3	2,133.4	2,269.8	2,343.4	2,181.1	2,832.3
Georgia	217.3	237.2	245.5	291.8	250.5	352.1	350.4	392.5	364.1	466.5	2,512.6
Hawaii	44.5	71.4	52.9	58.2	54.7	63.9	82.2	97.4	100.0	112.6	150.7
Idaho	127.0	223.4	195.2	259.7	266.6	232.7	250.1	195.9	326.1	279.1	299.5
Illinois	543.0	567.5	675.6	772.8	745.0	827.3	850.7	909.1	957.2	959.4	921.9
Indiana	186.2	213.6	236.0	227.7	295.1	339.4	312.1	392.5	363.6	378.7	367.0
Iowa	136.3	95.2	134.5	150.3	224.3	162.4	197.1	190.9	186.7	209.8	194.7
Kansas	637.7	97.4	101.9	138.1	112.7	94.2	126.7	128.8	116.4	83.6	91.2
Kentucky	97.2	93.1	56.5	69.2	59.1	61.9	68.5	73.0	96.5	122.4	71.7
Louisiana	236.8	186.6	129.7	118.8	92.4	107.4	101.3	179.6	121.2	163.6	169.6
Maine	23.9	29.3	38.1	36.7	35.6	178.6	39.8	67.7	39.7	57.1	60.6
Maryland	2,850.2	3,412.4	3,917.9	4,371.6	4,512.5	4,036.3	4,355.3	4,849.0	5,332.1	5,570.7	5,779.7
Massachusetts	2,775.2	2,559.3	2,882.6	3,276.7	3,240.3	3,910.8	2,702.0	2,882.5	2,982.8	3,146.4	3,227.9
Michigan	376.7	412.5	479.4	502.1	460.5	463.3	417.5	686.2	810.8	772.6	876.3
Minnesota	378.6	448.2	636.8	718.7	515.4	506.6	576.8	597.3	529.8	455.7	456.4
Mississippi	125.7	185.8	145.5	172.4	143.4	184.4	185.1	198.7	471.7	230.6	255.7
Missouri	911.3	576.8	659.5	694.2	677.8	614.7	637.6	1,241.9	1,064.3	587.9	733.5
Montana	42.7	35.0	26.6	26.0	26.4	30.1	35.5	36.2	30.9	45.8	71.5
Nebraska	32.0	42.3	33.0	34.6	41.1	48.9	52.1	51.2	76.4	76.1	71.1
Nevada	376.3	647.1	440.5	490.4	462.6	462.0	443.3	427.5	484.7	496.0	465.8
New Hampshire	50.8	76.8	116.4	130.3	136.0	83.6	60.8	98.0	145.1	196.3	156.1
New Jersey	887.9	1,293.4	1,550.0	1,791.8	1,781.4	1,114.9	1,209.3	1,320.4	1,601.6	1,698.2	1,646.8
New Mexico	1,322.6	1,804.9	2,104.8	2,368.6	2,500.0	1,998.2	2,296.1	2,220.4	2,311.3	2,018.7	2,211.3
New York	1,692.5	2,523.2	2,493.4	3,128.4	3,163.5	2,941.8	2,688.7	2,904.1	2,960.8	3,086.3	3,058.7
North Carolina	272.7	312.5	378.3	485.7	497.7	583.8	625.0	562.8	618.6	673.8	700.7
North Dakota	36.5	27.2	37.8	32.7	27.2	29.4	32.5	33.3	53.1	43.7	54.2
Ohio	1,024.8	1,170.1	1,366.5	1,520.5	1,591.7	1,862.9	1,865.2	1,938.8	2,088.5	1,729.9	1,863.4
Oklahoma	65.6	67.9	65.5	81.3	69.8	99.4	103.7	117.6	162.6	131.5	126.1
Oregon	106.3	108.0	137.8	151.6	127.6	133.9	170.3	168.4	175.6	216.5	226.5
Pennsylvania	1,131.5	1,173.3	1,142.2	1,329.6	1,301.3	1,681.9	1,731.6	1,961.9	2,074.6	2,125.6	1,794.4
Rhode Island	242.1	267.5	306.1	334.3	392.7	365.4	335.6	314.1	391.1	433.8	386.3
South Carolina	98.7	104.6	119.8	119.9	122.5	123.7	148.7	222.6	230.9	250.4	172.1
South Dakota	19.0	12.4	14.0	14.4	14.6	12.8	13.1	15.0	15.7	22.5	23.9
Tennessee	702.3	435.5	546.7	556.3	591.3	732.0	567.2	576.0	825.0	732.2	666.0
Texas	1,054.3	1,412.6	1,473.8	1,664.6	1,912.0	2,261.3	2,514.9	3,189.2	3,496.8	2,321.4	2,873.0
Utah	287.9	268.9	232.4	250.9	274.6	427.3	462.0	517.8	437.7	429.1	314.0
Vermont	35.7	23.7	33.8	36.1	41.1	39.6	55.9	60.1	42.5	56.1	51.3
Virginia	1,268.1	2,286.1	2,247.2	2,472.4	2,810.0	2,292.5	2,729.1	2,778.0	2,733.5	2,909.0	3,231.3
Washington	1,038.9	709.3	881.8	1,036.5	1,153.9	1,878.8	1,765.6	1,766.2	1,567.0	1,241.1	900.5
West Virginia	91.0	82.5	73.3	66.5	88.7	115.8	113.4	104.0	116.6	177.9	166.4
Wisconsin	129.4	142.4	166.0	200.8	181.9	204.8	223.2	263.5	271.7	294.5	307.7
Wyoming	25.4	28.4	34.0	25.1	14.5	23.5	29.0	38.5	57.4	29.8	41.4
Outlying areas	40.7	32.0	44.9	62.8	36.8	42.9	33.0	45.7	54.9	221.0	246.9
Offices abroad	59.0	51.0	34.6	35.9	59.2	78.2	54.2	43.4	31.7	21.0	24.4

NOTES: Because of rounding, detail may not add to totals.

For each year, the data shown include the obligations of the 10 major R&D-supporting agencies that were required to report to this section of the survey in that year, and represent 96 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Geographic distribution of Department of Defense development funding to industry reflects only the location of prime contractors, not the numerous subcontractors who perform much of the research and development.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003